



09-647457 seq 6-24-05.ST25.txt  
SEQUENCE LISTING

<110> Yeda Research and Development Company Ltd.  
<120> ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW PEPTIDE  
<130> 24390 (1276302)  
<140> 09/647,457  
<141> 2000-09-29  
<150> PCT/IL99/00190  
<151> 1999-09-29  
<150> 123925  
<151> 1998-04-02  
<160> 15  
<170> PatentIn version 3.2  
<210> 1  
<211> 17  
<212> PRT  
<213> Unknown  
<220>  
<223> being the immunologically active epitope

<220>  
<221> MISC\_FEATURE  
<222> (1)..(16)  
<223> Xaa(8) is C, G, or P; Xaa(17) is R or absent; provided that  
when Xaa(8) is C, then Xaa(17) is absent, and when Xaa(8) is  
either G or P, then Xaa(17) is R.

<400> 1

Leu Val Val Gly Leu Cys Thr Xaa Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

Xaa

<210> 2  
<211> 28  
<212> PRT  
<213> Unknown

<220>  
<223> being the immunologically active epitope

<400> 2

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
1 5 10 15

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
20 25

<210> 3  
 <211> 16  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 3

Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys  
 1 5 10 15

<210> 4  
 <211> 20  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 4

Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly  
 1 5 10 15

Ala Pro Cys Arg  
 20

<210> 5  
 <211> 19  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 5

Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala  
 1 5 10 15

Pro Cys Arg

<210> 6  
 <211> 18  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 6

Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
1 5 10 15

Cys Arg

<210> 7

<211> 17

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 7

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
1 5 10 15

Arg

<210> 8

<211> 17

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 8

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

Arg

<210> 9

<211> 17

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 9

Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

Arg

<210> 10  
 <211> 20  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 10

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
 1 5 10 15

Cys Thr Gly Gln  
 20

<210> 11  
 <211> 16  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 11

Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
 1 5 10 15

<210> 12  
 <211> 12  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 12

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
 1 5 10

<210> 13  
 <211> 16  
 <212> PRT  
 <213> Unknown

<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 13

09-647457 seq 6-24-05.ST25.txt

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
1 5 10 15

<210> 14  
<211> 15  
<212> PRT  
<213> Unknown

<220>  
<223> peptide capable of binding antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 14

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
1 5 10 15

<210> 15  
<211> 16  
<212> PRT  
<213> Unknown

<220>  
<223> peptide capable of binding antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 15

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15